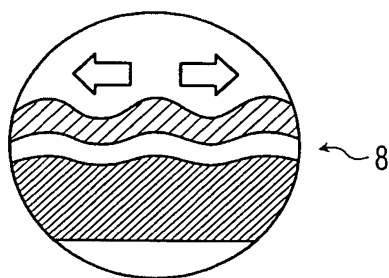


**FIG. 1**  
PRIOR ART



**FIG. 1A**  
PRIOR ART

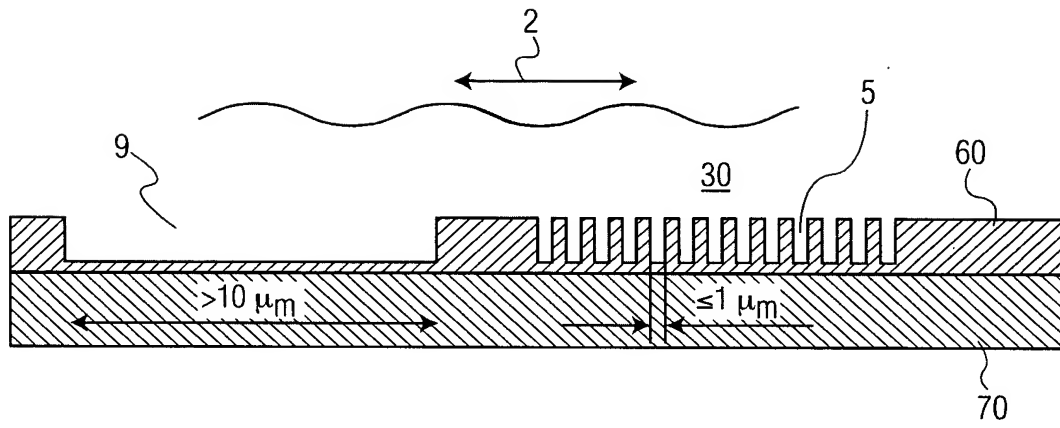


FIG. 2A

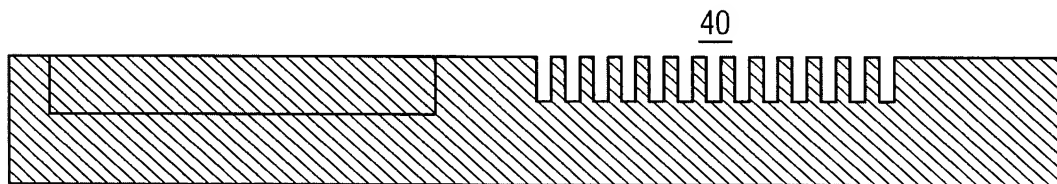


FIG. 2B

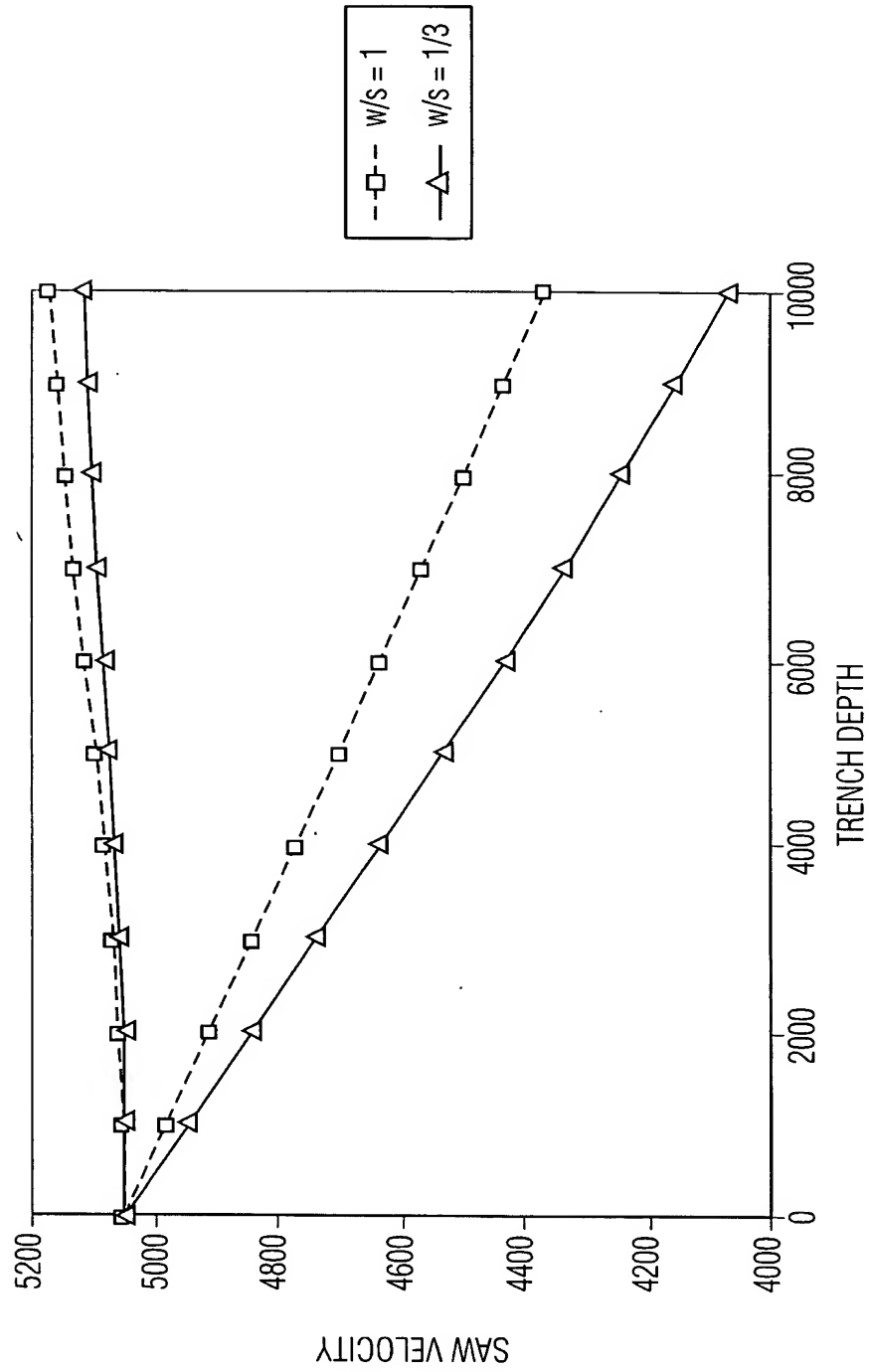


FIG. 3

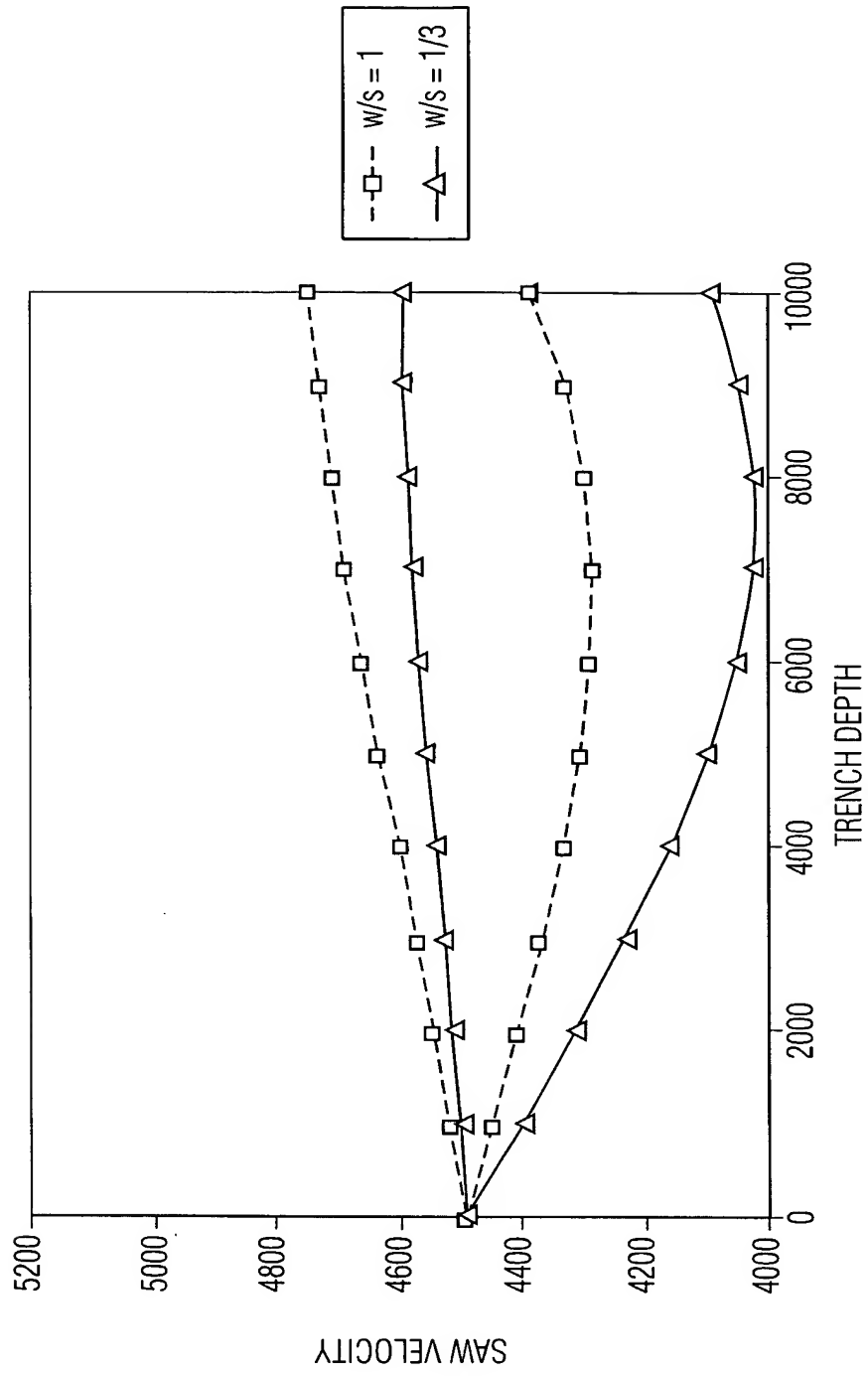


FIG. 4

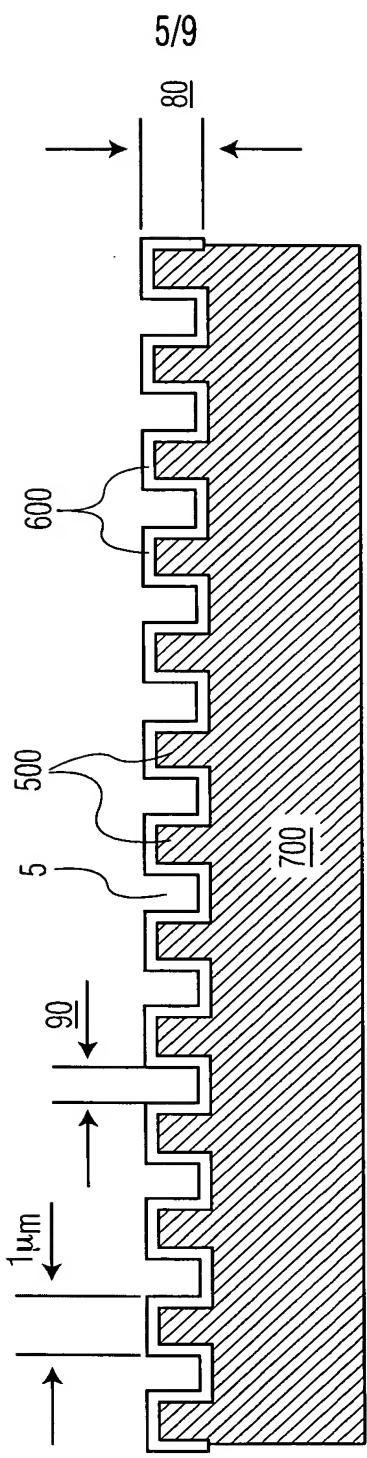


FIG. 5

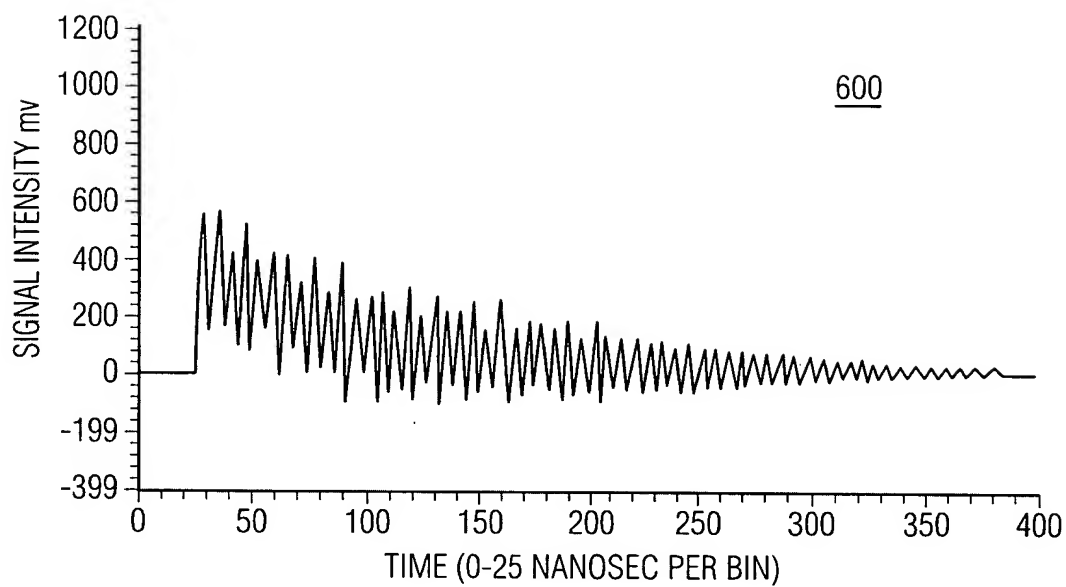


FIG. 6A

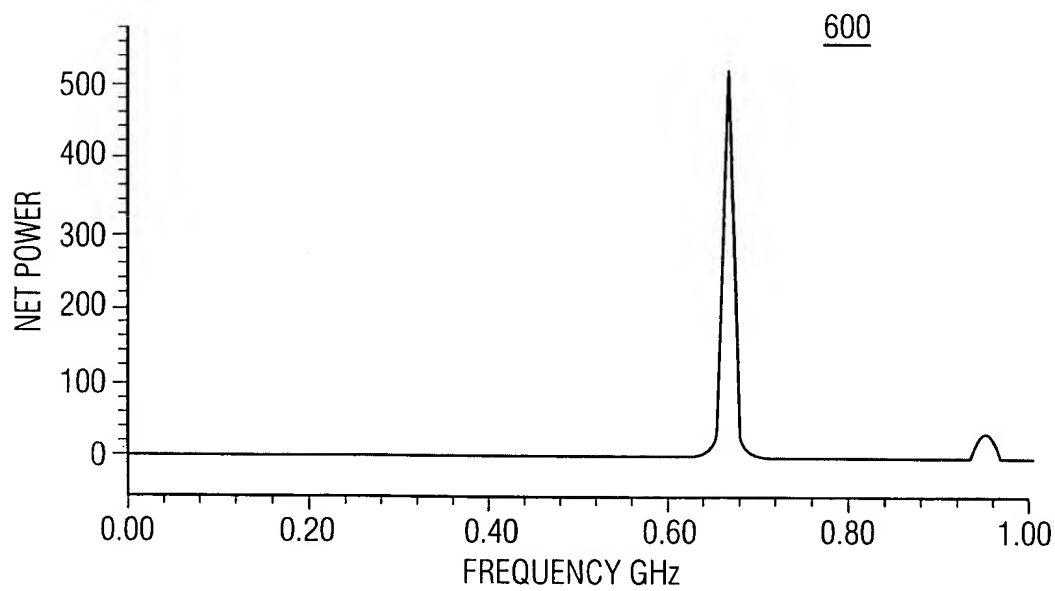


FIG. 6B

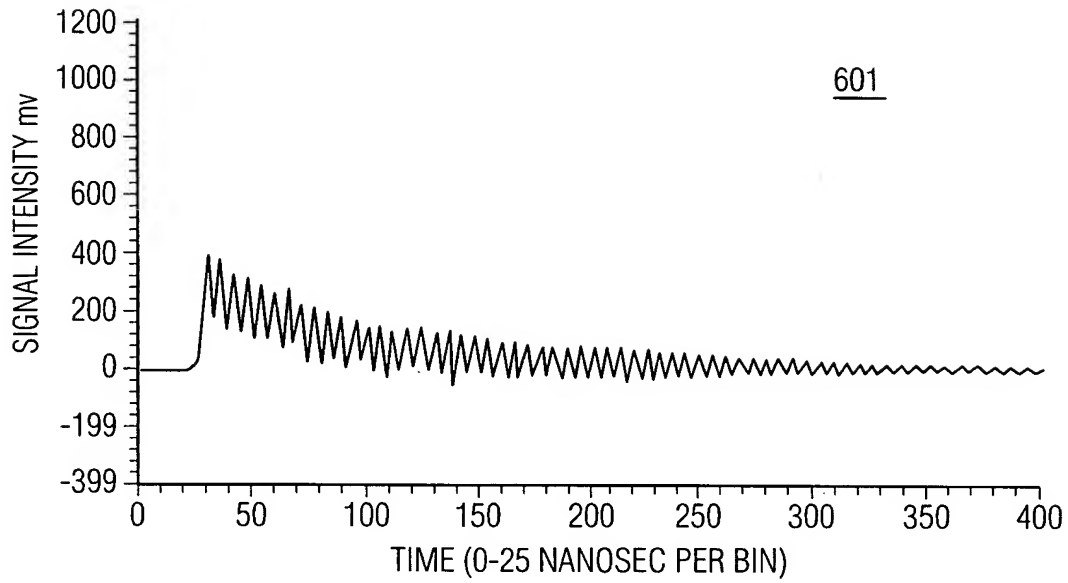


FIG. 6C

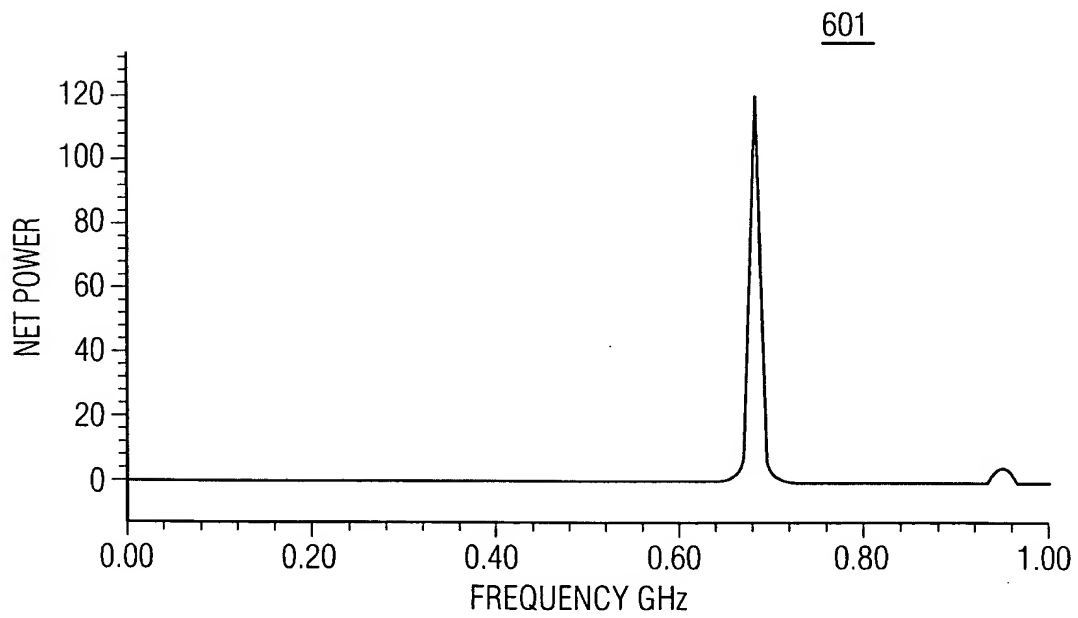


FIG. 6D

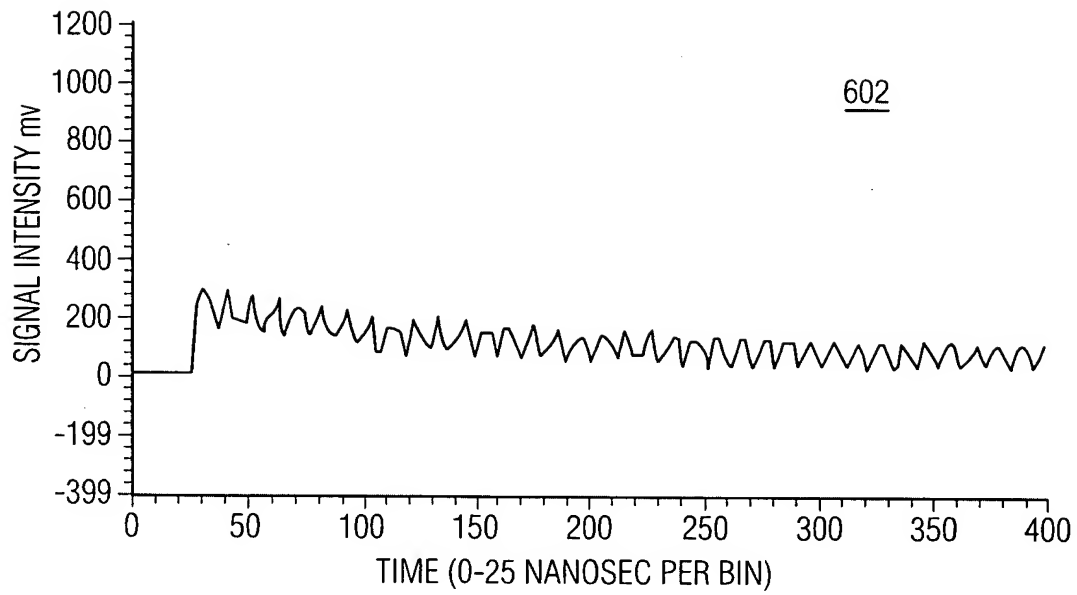


FIG. 6E

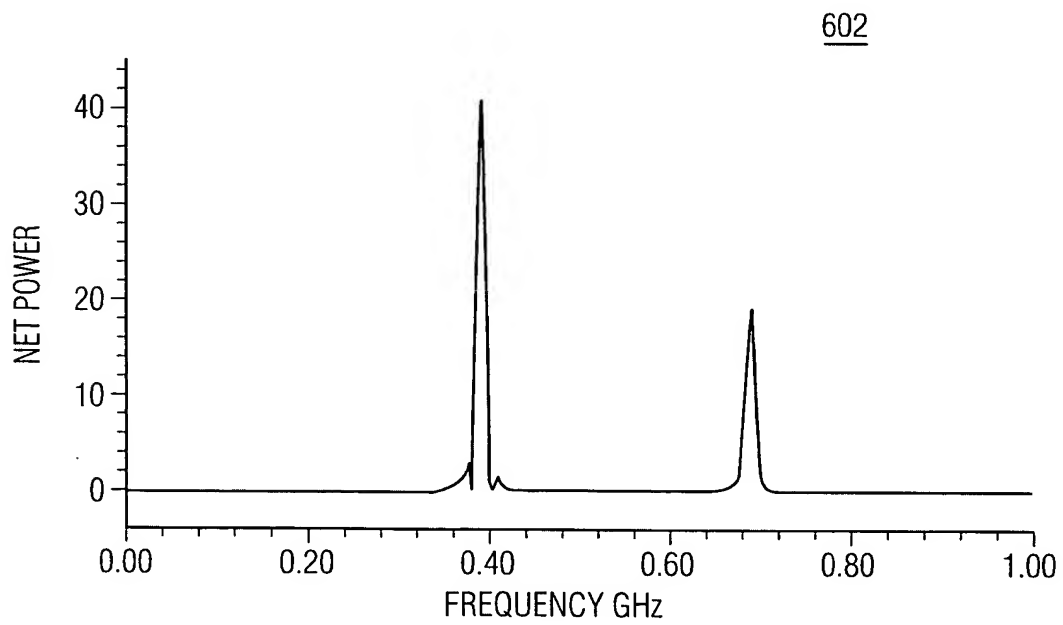


FIG. 6F



MEASUREMENT LOCATION	SAW VELOCITY (m/s)
UNPATTERNED AREA	3930
TRENCH ARRAY, PARALLEL	4016
TRENCH ARRAY, PERPENDICULAR	2299

FIG. 7